



STIC Search Report ***EIC 2600***

STIC Database Tracking Number: 154656

**TO: Scott Beliveau
Location: KNX-6A01
Art Unit : 2614
Tuesday, June 07, 2005**

Case Serial Number: 09773590

**From: Samir Patel
Location: EIC 2600
KNX-8B68
Phone: 571-272-3537**

Samir.patel@uspto.gov

Search Notes

Dear Examiner

Please find attached the search results for 09/773590. I searched the standard Dialog files, IBM TDBs, IEEE, DTIC, Proquest and the internet.

If you would like a re-focus please let me know.

Thank you

Samir Patel



STIC Search Results Feedback Form

EIC 2600

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Pamela Reynolds, EIC 2600 Team Leader
571-272-3505, Knox 8B59

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 2630

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2600 Knox 8B59



95

95

SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB# 1541656

Requester's Full Name Scott BELIVER Examiner #: 79346 Date: 5/26/05
Art Unit: 2614 Phone Number _____ Serial Number: 09 773 590
Location: _____ Results Format Preferred (circle): RAPER DISK E-MAIL
KAY 6A01

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elec species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method and apparatus for intelligent transcoding multimedia data
Inventors (please provide full names): Attached

Earliest Priority Filing Date: 2/10/2000

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Looking for system which converts/transcodes digitally compressed video signals (MPEG) based on "transcoding hints"

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Samir Patel</u>	Sequence (#) _____	STN _____
Searcher Phone #: <u>2-3537</u>	AA Sequence (#) _____	Dialog <input checked="" type="checkbox"/>
Searcher Location: <u>FNX-8B68</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>11:09 AM/06/06</u>	Bibliographic <input checked="" type="checkbox"/>	Dr.Link _____
Date Completed: <u>9:00 AM/06/07</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>130</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <input checked="" type="checkbox"/>
Online Time: <u>170</u>	Other _____	Other (specify) _____

File 2:INSPEC 1969-2005/May W5
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/May W5
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:EI Compendex(R) 1970-2005/May W5
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/May W5
(c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/May
(c) 2005 ProQuest Info&Learning

File 62:SPIN(R) 1975-2005/Mar W3
(c) 2005 American Institute of Physics

File 65:Inside Conferences 1993-2005/Jun W1
(c) 2005 BLDSC all rts. reserv.

File 92:IHS Intl.Stds.& Specs. 1999/Nov
(c) 1999 Information Handling Services

File 94:JICST-EPlus 1985-2005/Apr W3
(c)2005 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2005/Apr W4
(c) 2005 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/May
(c) 2005 The HW Wilson Co.

File 144:Pascal 1973-2005/May W4
(c) 2005 INIST/CNRS

File 239:Mathsci 1940-2005/Jul
(c) 2005 American Mathematical Society

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2005/Jun 04
(c) 2005 ProQuest Info&Learning

File 248:PIRA 1975-2005/May W3
(c) 2005 Pira International

Set	Items	Description
S1	6432	(CONVERT???? OR CONVERSION?? OR TRANSCOD?????) (5N) (VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N) EXPERT?? OR MULTIMEDIA?? OR MULTI()MEDIA?? OR (MULTIMEDIA OR MULTI()MEDI-A??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG???)
S2	435	(TRANSCOD???? OR CONVERT???? OR CONVERSION??) (3N) (HINT?? OR TIP??)
S3	1051	AU=(CHRISTOPOULOS C? OR CHRISTOPOULOS, C? OR BJORK N? OR B-JORK, N? OR ASKELOF J? OR ASKELOG, J?)
S4	22	S1 AND S2
S5	12	RD (unique items)
S6	1	S5 NOT PY>2000
S7	17	S3 AND S1
S8	4	RD (unique items)
S9	4	S8 NOT S6
S10	752408	VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N-) EXPERT?? OR MULTIMEDIA?? OR MULTI()MEDIA?? OR (MULTIMEDIA OR MULTI()MEDIA??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG?-??
S11	29	S10 AND S2
S12	16	RD (unique items)
S13	4	S12 NOT S5
S14	1	S13 NOT PY>2000
S15	1	S14 NOT S6

6/9/1 (Item 1 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

05654847 E.I. No: EIP00095336725

Title: Validation experiments on structural, conceptual, collection, and access description schemes for MPEG-7

Author: Benitez, Ana B.; Chang, Shih-Fu

Corporate Source: Columbia Univ, New York, NY, USA

Conference Title: ICCE 2000 - International Conference on Consumer Electronics
→ November 2000

Conference Location: Los Angeles, CA, USA Conference Date: 19000613-19000615

E.I. Conference No.: 57276

Source: Digest of Technical Papers - IEEE International Conference on Consumer Electronics 2000. IEEE, Piscataway, NJ, USA. p 276-277

Publication Year: 2000

CODEN: DTPEEL ISSN: 0747-668X

Language: English

Document Type: CA; (Conference Article) Treatment: X; (Experimental)

Journal Announcement: 0010W4

Abstract: We have recently contributed to the development and validation of several description schemes for multimedia content, which have been integrated into the emerging MPEG-7 standard. This paper includes summaries of the validation experiments of these description schemes. (Author abstract) 6 Refs.

Descriptors: *Image compression; Multimedia systems; Information retrieval; Image segmentation; Image coding; Computer simulation; Computer networks; Client server computer systems; HTML

Identifiers: **Motion picture** expert group; Description schemes; Media transcoding hint

Classification Codes:

723.2 (Data Processing); 723.5 (Computer Applications); 722.4 (Digital Computers & Systems)

723 (Computer Software); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING)

9/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

7567146 INSPEC Abstract Number: B2003-04-6135C-210, C2003-04-5260D-139
Title: Video transcoding architectures and techniques: an overview
Author(s): Vetro, A.; Christopoulos, C. ; Huifang Sun
Author Affiliation: Mitsubishi Electr. Res. Labs., Murray Hill, NJ, USA
Journal: IEEE Signal Processing Magazine vol.20, no.2 p.18-29
Publisher: IEEE,
Publication Date: March 2003 **Country of Publication:** USA
CODEN: ISPRE6 **ISSN:** 1053-5888
SICI: 1053-5888(200303)20:2L:18:VTAT;1-L
Material Identity Number: 0648-2003-002
U.S. Copyright Clearance Center Code: 1053-5888/03/\$17.00
Language: English
Subfile: B C
Copyright 2003, IEE

Title: Video transcoding architectures and techniques: an overview
Author(s): Vetro, A.; Christopoulos, C. ; Huifang Sun
Abstract: Throughout this article, we concentrate on the transcoding of block-based video coding schemes that use hybrid discrete cosine transform (DCT) and motion compensation (MC). In such...
... provided, as well as a discussion of scalable coding techniques and how they relate to video transcoding. Finally, the article ends with concluding remarks, including pointers to other works on video transcoding that have not been covered in this article, as well as some future directions.

Identifiers: video transcoding architectures...

... video transcoding techniques

9/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

7088238 INSPEC Abstract Number: B2001-12-6210R-040, C2001-12-6130M-030
Title: Universal multimedia access from wired and wireless systems
Author(s): Perkis, A.; Abdeljaoued, Y.; Christopoulos, C. ; Ebrahimi, T. ; Chicharo, J.F.
Author Affiliation: Dept. of Telecommun., Norwegian Univ. of Sci. & Technol., Trondheim, Norway
Journal: Circuits, Systems, and Signal Processing vol.20, no.3-4 p. 387-402
Publisher: Birkhauser Boston,
Publication Date: May-Aug. 2001 **Country of Publication:** USA
CODEN: CSSPEH **ISSN:** 0278-081X
SICI: 0278-081X(200105/08)20:3/4L:387:UMAF;1-3
Material Identity Number: C807-2001-004
U.S. Copyright Clearance Center Code: 0278-081X/2001/\$6.00
Language: English
Subfile: B C
Copyright 2001, IEE

Author(s): Perkis, A.; Abdeljaoued, Y.; Christopoulos, C. ; Ebrahimi, T. ; Chicharo, J.F.

...Abstract: UMA; that is, the notion that valuable information can be derived from a variety of conversions of a multimedia content source.

The issues discussed are future requirements on content servers and **multimedia** viewers, media **conversions**, UMA protocols, and UMA network architectures. The problems addressed are quality of service issues in...

9/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6069158 INSPEC Abstract Number: B9812-6140C-249, C9812-5260B-131

Title: Transcoder **architectures** for video **coding**

Author(s): Bjork, N. ; Christopoulos, C.

Author Affiliation: Ericsson Telecom AB, Stockholm, Sweden

Conference Title: Proceedings of the 1998 IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP '98 (Cat. No.98CH36181)
Part vol.5 p.2813-16 vol.5

Publisher: IEEE, New York, NY, USA

Publication Date: 1998 **Country of Publication:** USA 6 vol. lxiii+3816 pp.

ISBN: 0 7803 4428 6 **Material Identity Number:** XX98-01419

U.S. Copyright Clearance Center Code: 0 7803 4428 6/98/\$10.00

Conference Title: Proceedings of the 1998 IEEE International Conference on Acoustics, Speech and Signal Processing

Conference Sponsor: IEEE Signal Process. Soc

Conference Date: 12-15 May 1998 **Conference Location:** Seattle, WA, USA

Language: English

Subfile: B C

Copyright 1998, IEE

Title: Transcoder **architectures** for video **coding**

Author(s): Bjork, N. ; Christopoulos, C.

Abstract: Two different models for **transcoding** of H.263-based **video** streams are examined: rate reduction and resolution reduction. Results show that the computational complexity of...

9/3,K/4 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2005 INIST/CNRS. All rts. reserv.

14505811 PASCAL No.: 00-0169203

Down - sampling of compressed images in the DCT domain

Signal processing IX : theories and applications : Rhodes, 8-11 September 1998

SKODRAS A N; **CHRISTOPOULOS C A**

THEODORIDIS S, ed; PITAS I, ed; STOURAITIS A, ed; KALOUPSIDIS N, ed

Electronics Laboratory, University of Patras, 26110 Patras, Greece;

Computer Technology Institute, PO box 1122, 26110 Patras, Greece; Ericsson Telecom AB, Compression Lab, TN/ETX/PN/XML, 126 25 Stockholm, Sweden

University of Athens, Greece.; Computer Technology Institute, Patras, Greece.; European Association for Signal Processing, Lausanne, Switzerland.

Eusipco : European signal processing conference, 9 (Rhodes GRC)

1998-09-08

1998 1717-1720

Publisher: Typorama, Patras

Language: English

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SKODRAS A N; **CHRISTOPOULOS C A**

... and hardware implementations. The algorithm can be used in various applications, such as image and **video** browsing, **video** compositing and **transcoding** , and HDTV to SDTV conversion.

English Descriptors: Sampling; Signal processing; Signal compression;
Transcoding ; **Multimedia** ; Cosine transform; Discrete transformation;
Computer simulation

French Descriptors: Echantillonnage; Traitement signal; Compression signal;
Transcodage ; **Multimedia** ; Transformation cosinus; Transformation
discrete; Simulation ordinateur

?

15/3,K/1 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

00469721 JICST ACCESSION NUMBER: 87A0431497 FILE SEGMENT: JICST-E
Clinical evaluation of videoendoscope for colonoscopy.
MATSUMOTO NORIO (1); KOYAMA NOBUATSU (1); UMEDA HIROSHI (1); HAGA SHUNSUKE
(1); OGAWA KENJI (1); KAJIWARA TETSURO (1); SAKAKIBARA NOBORU (1);
KATAYAMA OSAMU (1); ICHIOKA SHISHO (1)
(1) Tokyojoidei Dainibyoin
Ther Res, 1987, VOL.6,NO.Rinzo 1, PAGE.186-189, FIG.3, REF.7
JOURNAL NUMBER: Y0681AAP ISSN NO: 0289-8020
UNIVERSAL DECIMAL CLASSIFICATION: 616.3-07
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

...ABSTRACT: in which an image is selected by use of a CCD chip contained
inside the **tip** of the scope, **converted** to an electrical signal,
inputted into a **video** processor, and displayed on a monitor. We have
used a electronic endoscope developed by the...

File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200535
(c) 2005 Thomson Derwent

Set	Items	Description
S1	21409	(CONVERT???? OR CONVERSION?? OR TRANSCOD?????) (5N) (VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N) EXPERT?? OR MULTIMEDIA?? OR MULTI()MEDIA?? OR (MULTIMEDIA OR MULTI()MEDI-A??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG???)
S2	324	(TRANSCOD???? OR CONVERT???? OR CONVERSION??) (3N) (HINT?? OR TIP??)
S3	19	AU=(CHRISTOPOULOS C? OR CHRISTOPOULOS, C? OR BJORK N? OR B-JORK, N? OR ASKELOF J? OR ASKELOG, J?)
S4	6	S1 AND S2
S5	497246	VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N-) EXPERT?? OR MULTIMEDIA?? OR MULTI()MEDIA?? OR (MULTIMEDIA OR MULTI()MEDIA??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG?-
		??
S6	11	S2 AND S5
S7	5	S6 NOT S4
S8	7	S6 NOT AD=20000210:20020606/PR
S9	7	S8 NOT AD=20020606:20050606/PR
S10	4	S9 NOT S4
S11	1	S10 NOT ENDOSCOP?
S12	1	S3 AND S2
S13	0	S12 NOT (S10 OR S6)

4/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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00827275 **Image available**

MAGNETIC RECORDING AND PLAYBACK DEVICE

PUB. NO.: 56-147575 [JP 56147575 A]

PUBLISHED: November 16, 1981 (19811116)

INVENTOR(s): KOBORI YASUNORI

FUKUSHIMA ISAO

NISHIJIMA HIDEO

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 55-050346 [JP 8050346]

FILED: April 18, 1980 (19800418)

JOURNAL: Section: E, Section No. 95, Vol. 06, No. 28, Pg. 62, February
19, 1982 (19820219)

ABSTRACT

... enable to obtain two videos with good picture quality on one screen, by holding a **video** head via an electric-mechanical **converter** which moves lengthwise a recording track with a control signal...

... fitted with the rotating head cylinder and the video head 4 is held at the **tip**. The electric- mechanical **converter** 20 is set with the applied control signal so that it moved front and back...

4/3,K/2 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015860921 **Image available**

WPI Acc No: 2004-018751/200402

XRPX Acc No: N04-014746

Video level conversion and clamp processing circuit outputs direct flow offset to respective signal conversion units, after performing level conversion of output digital signal

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003348375	A	20031205	JP 2002153546	A	20020528	200402 B

Priority Applications (No Type Date): JP 2002153546 A 20020528

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2003348375 A 13 H04N-005/18

Video level conversion and clamp processing circuit outputs direct flow offset to respective signal conversion units, after performing...

Abstract (Basic):

... A control unit (805) generates DC voltage corresponding to sync-
tip clamp error of **converted** digital **video** signals from which Y
and C signals are separated. A switch (102) switches output level...

... **Video level conversion** and clamp processing circuit for
television...

...The figure shows the block diagram of the **video level conversion** and clamp processing circuit. (Drawing includes non-English language text

4/3,K/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014447236 **Image available**

WPI Acc No: 2002-267939/200231

XRPX Acc No: N02-208406

Video/audio signal processing method in home network, involves associating separated audio/ video signal segments to transcoding hints metadata for transcoding

Patent Assignee: SONY CORP (SONY); KUHN P (KUHN-I)

Inventor: KUHN P

Number of Countries: 032 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169936	A2	20010920	WO 2001JP1982	A	20010313	200231 B
AU 200141122	A	20010924	AU 200141122	A	20010313	200231
EP 1177691	A1	20020206	EP 2001912329	A	20010313	200231
			WO 2001JP1982	A	20010313	
KR 2002006632	A	20020123	KR 2001714472	A	20011113	200251
US 20020157112	A1	20021024	WO 2001JP1982	A	20010313	200273
			US 20029119	A	20020507	
CN 1372769	A	20021002	CN 2001800759	A	20010313	200307
JP 2003527005	W	20030909	JP 2001566560	A	20010313	200360
			WO 2001JP1982	A	20010313	
AU 780811	B2	20050421	AU 200141122	A	20010313	200532

Priority Applications (No Type Date): US 2000204729 P 20000516; JP

200068720 A 20000313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200169936	A2	E	66	H04N-007/26	
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Designated States (National): AU CA CN JP KR US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

AU 200141122	A				Based on patent WO 200169936
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EP 1177691	A1	E			Based on patent WO 200169936
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

KR 2002006632	A			G11B-020/10	
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US 20020157112	A1			H04N-007/173	
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CN 1372769	A			H04N-007/26	
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JP 2003527005	W	60		H04N-007/32	Based on patent WO 200169936
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AU 780811	B2			H04N-007/26	Previous Publ. patent AU 200141122
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Based on patent WO 200169936

Video/audio signal processing method in home network, involves associating separated audio/ video signal segments to transcoding hints metadata for transcoding

Abstract (Basic):

... bit rate, size of picture, number of frames per second, aspect ratio, etc., are determined. **Transcoding hints** metadata are extracted and stored. The audio/video (A/V) signal is separated into segments and associated with stored **transcoding hints** metadata for **transcoding** .

... The figure explains the **transcoding hints** extraction by **video /audio processing method...**

4/3,K/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014105510 **Image available**

WPI Acc No: 2001-589724/200166

XRPX Acc No: N01-439288

Method of converting multimedia information by storing transcoding hints with multimedia information

Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF); ASKELOF J

(ASKE-I); BJORK N (BJOR-I); CHRISTOPOULOS C (CHRI-I)

Inventor: ASKELOEF J; BJOERK N; CHRISTOPOULOS C; ASKELOF J; BJORK N

Number of Countries: 095 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200159706	A1	20010816	WO 2001SE244	A	20010208	200166 B
AU 200132555	A	20010820	AU 200132555	A	20010208	200175
US 20010047517	A1	20011129	US 2000181565	P	20000210	200202
			US 2001773590	A	20010202	
EP 1254429	A1	20021106	EP 2001904730	A	20010208	200281
			WO 2001SE244	A	20010208	
JP 2003523024	W	20030729	JP 2001558952	A	20010208	200358
			WO 2001SE244	A	20010208	

Priority Applications (No Type Date): US 2001773590 A 20010202; US

2000181565 P 20000210

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200159706 A1 E 32 G06T-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200132555 A G06T-001/00 Based on patent WO 200159706

US 20010047517 A1 H04N-007/173 Provisional application US 2000181565

EP 1254429 A1 E G06T-001/00 Based on patent WO 200159706

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

JP 2003523024 W 37 G06F-012/00 Based on patent WO 200159706

Method of converting multimedia information by storing transcoding hints with multimedia information

Abstract (Basic):

... Method consists in requesting **multimedia** information from a **transcoder** (125), receiving the information along with **transcoding hints** , **converting** it and providing the information to the requestor (135). User preferences are stored (113) along...

4/3,K/5 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011962493 **Image available**

WPI Acc No: 1998-379403/199833

XRPX Acc No: N98-296701

Digital AGC circuit comprising A-D converter - has AGC gate pulse generator which outputs pulse for detecting pedestal level region of video signal, and voltage converter for adjusting TOP voltage of ADC on basis of output sample value

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: BAE J; BAI J; BAE J H

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 854646	A2	19980722	EP 98300226	A	19980114	199833	B
JP 10215422	A	19980811	JP 987076	A	19980116	199842	
KR 98066009	A	19981015	KR 971310	A	19970117	199950	
KR 207713	B1	19990715	KR 971310	A	19970117	200066	
US 6195133	B1	20010227	US 988061	A	19980116	200114	

Priority Applications (No Type Date): KR 971310 A 19970117

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 854646	A2	E 10	H04N-005/53	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI
LT LU LV MC MK NL PT RO SE SI

JP 10215422	A	6	H04N-005/52	
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KR 98066009	A		H03K-007/08	
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KR 207713	B1		H03K-007/08	
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US 6195133	B1		H04N-005/52	
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... has AGC gate pulse generator which outputs pulse for detecting pedestal level region of video signal, and voltage converter for adjusting TOP voltage of ADC on basis of output sample value

...Abstract (Basic): The digital AGC circuit comprises an A/D converter (20) which converts a video signal clamped to a reference level into digital data having a voltage between a predetermined...

...on the basis of a sample value extracted from the output of the A/D converter and a sync tip value of a standard signal, while the AGC gate pulse generated by the AGC gate...

4/3,K/6 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

001950406

WPI Acc No: 1978-H9676A/197841

TV picture blending device - inserts stored diagrams into TV picture using stored X-Y coordinates from hand probe

Patent Assignee: TELESTRATOR IND INC (TELE-N)

Inventor: REIFFEL L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 1950573	B	19781005				197841	B

Priority Applications (No Type Date): US 68777947 A 19681007

...Abstract (Basic): equipment can be replaced by video equipment. The X and Y coordinates of the probe **tip** are **converted** into **video** signals.

11/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012679360 **Image available**
WPI Acc No: 1999-485467/199941
XRPX Acc No: N99-362496

Multimedia bus exchanger for e.g. video telephone, digital home
broadcasts - converts communication tip into node address of address
read from conversion table to connect tip to designated channel

Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11205338	A	19990730	JP 987649	A	19980119	199941 B

Priority Applications (No Type Date): JP 987649 A 19980119

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11205338	A	9	H04L-012/28	

Multimedia bus exchanger for e.g. video telephone, digital home
broadcasts...

... converts communication tip into node address of address read from
conversion table to connect tip to designated channel

...Abstract (Basic): the communication channel designated by the bus
managing terminal node (21) is used. The communication tip is then
converted into the node address of the address read from the
conversion table to connect the...

...are individually provided with conversion tables (10).An INDEPENDENT
CLAIM is also included for a multimedia bus exchanging procedure...

...USE - For e.g. video telephone, digital home broadcasts...

...with serial bus. DESCRIPTION OF DRAWING(S) - The figure shows the block
diagram of the multimedia bus exchanger. (3) Gateway node; (10)
Conversion tables; (21-24) Terminal nodes; (100) IEEE 1394...

...Title Terms: VIDEO ;

?

File 348:EUROPEAN PATENTS 1978-2005/Jun W01

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050602,UT=20050526

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	14375	(CONVERT???? OR CONVERSION?? OR TRANSCOD?????) (5N) (VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N) EXPERT?? OR MULTIMEDIA?? OR MULTI() MEDIA?? OR (MULTIMEDIA OR MULTI() MEDI-A??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG???)
S2	360	(TRANSCOD???? OR CONVERT???? OR CONVERSION??) (3N) (HINT?? OR TIP??)
S3	38	AU=(CHRISTOPOULOS C? OR CHRISTOPOULOS, C? OR BJORK N? OR B-JORK, N? OR ASKELOF J? OR ASKELOG, J?)
S4	17	S1(S) S2
S5	4	S4 NOT AD=20000210:20020606/PR
S6	4	S5 NOT AD=20020606:20050606/PR
S7	148042	VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N-) EXPERT?? OR MULTIMEDIA?? OR MULTI() MEDIA?? OR (MULTIMEDIA OR MULTI() MEDIA??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG?-??
S8	24	S7(S) S2
S9	7	S8 NOT S4
S10	4	S9 NOT AD=20000210:20020606/PR
S11	4	S10 NOT AD=20020606:20050606/PR
S12	1	S3 AND S2
S13	0	S12 NOT (S9 OR S4)
S14	1	S12 NOT (S11 OR S6)

6/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01089916

AUTOMATIC LUMINANCE ADJUSTMENT DEVICE AND METHOD
VORRICHTUNG UND VERFAHREN ZUR AUTOMATISCHEN LUMINANZREGELUNG
DISPOSITIF AUTOMATIQUE DE REGLAGE DE LA LUMINANCE ET PROCEDE ASSOCIE

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8501, (JP), (Proprietor designated states: all)

INVENTOR:

NAKAMURA, Takahiro, Room 203 EtoileA, 1-35, Kita 38-jo Higashi 9-chome,
Higashi-ku, Sapporo-shi, Hokkaido 007-0838, (JP)

HATANO, Takahisa, Room 102 Lilac-heim, 4-13, Kitago 1-jo 3-chome,
Shiroishi-ku, Sapporo-shi, Hokkaido 003-0831, (JP)

OTOME, Takashi, Room 902, 4-15, Kita 33-jo Higashi 14-chome, Higashi-ku,
Sapporo-shi, Hokkaido 065-0033, (JP)

FUNAMOTO, Taro, Room 301 Okachiyamaheights, 7-24, Minohara 3-chome,
Ibaraki-shi, Osaka 567-0006, (JP)

LEGAL REPRESENTATIVE:

Lang, Johannes, Dipl.-Ing. (86392), Bardehle Pagenberg Dost Altenburg
Geissler Isenbruck, Postfach 86 06 20, 81633 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1071281 A1 010124 (Basic)

EP 1071281 B1 030604

WO 99045703 990910

APPLICATION (CC, No, Date): EP 99907852 990303; WO 99JP1019 990303

PRIORITY (CC, No, Date): JP 9854683 980306; JP 9872138 980320

DESIGNATED STATES: FR

INTERNATIONAL PATENT CLASS: H04N-005/57; H04N-005/66; H04N-005/53

ABSTRACT WORD COUNT: 197

NOTE:

Figure number on first page: 001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200104	1892
CLAIMS B	(English)	200323	755
CLAIMS B	(German)	200323	663
CLAIMS B	(French)	200323	868
SPEC A	(English)	200104	7737
SPEC B	(English)	200323	7072

Total word count - document A 9631

Total word count - document B 9358

Total word count - documents A + B 18989

...SPECIFICATION 22.07.1998, discloses an automatic gain control circuit
for video signals whereby the clamped **video** signal is **converted** in an
A/D converter into a digital data having a voltage between a
predetermined...

...on the basis of a sample value extracted from the output of the A/D
converter and a sync **tip** value of a standard signal.

The published US patent No. US 4 628 362 discloses...

6/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00940631

Digital automatic gain control (AGC) circuit
Digitale automatische Verstärkungsregelungsschaltung
Circuit digitale de controle automatique de gain

PATENT ASSIGNEE:

Samsung Electronics Co., Ltd., (2171361), 416 Maetan-dong, Paldal-gu,
Suwon City, Kyungki-do, (KR), (Applicant designated States: all)

INVENTOR:

Bae, Jum-han, 102406, Doosan Apt., Kwonsun-dong, Kwonsun-gu, Suwon-city,
Kyungki-do, (KR)

LEGAL REPRESENTATIVE:

Robinson, Ian Michael et al (79162), Appleyard Lees, 15 Clare Road,
Halifax HX1 2HY, (GB)

PATENT (CC, No, Kind, Date): EP 854646 A2 980722 (Basic)
EP 854646 A3 991020

APPLICATION (CC, No, Date): EP 98300226 980114;

PRIORITY (CC, No, Date): KR 971310 970117

DESIGNATED STATES: DE; FR; GB; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/53

ABSTRACT WORD COUNT: 169

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9830	556
SPEC A	(English)	9830	2292
Total word count - document A			2848
Total word count - document B			0
Total word count - documents A + B			2848

...SPECIFICATION D converter, an AGC gate pulse generator and a TOP voltage converter. The A/D **converter converts** a **video** signal clamped to a reference level into digital data having a voltage between a predetermined...

...on the basis of a sample value extracted from the output of the A/D **converter** and a sync **tip** value of a standard signal, while the AGC gate pulse generated by the AGC gate...

6/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00399662

Digital signal clamp circuitry.

Klemmschaltung fur ein Digitalsignal.

Circuit de verrouillage pour un signal numerique.

PATENT ASSIGNEE:

THOMSON CONSUMER ELECTRONICS, INC., (1066930), 600 North Sherman Drive,
Indianapolis Indiana 46206, (US), (applicant designated states:
DE;ES;FR;GB;IT)

INVENTOR:

Fling, Russell Thomas, 1369 Green Trails Drive, Naperville, IL 60540,
(US)

LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46454), London Patent Operation G.E.
Technical Services Co. Inc. Essex House 12/13 Essex Street, London WC2R

3AA, (GB)

PATENT (CC, No, Kind, Date): EP 391643 A1 901010 (Basic)
EP 391643 B1 940608

APPLICATION (CC, No, Date): EP 90303507 900402;

PRIORITY (CC, No, Date): US 333051 890404

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-005/18;

ABSTRACT WORD COUNT: 108

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	339
CLAIMS B	(German)	EPBBF1	278
CLAIMS B	(French)	EPBBF1	416
SPEC B	(English)	EPBBF1	2394
Total word count - document A			0
Total word count - document B			3427
Total word count - documents A + B			3427

...SPECIFICATION receivers which include digital signal processing apparatus, the received analog video signal is typically demodulated to baseband and **clamped** to the sync **tip** value. This signal is applied to the analog input terminal of an analog-to-digital....

...of the clock signal Fc.

In the following discussion it is assumed that the analog **video** signal is **converted** to 8-bit, two's complement, PCM samples. In this instance the range of sample...
...corresponds to a value of approximately minus 55 units, for an uncorrupted signal. However, whether **or** not the sync **tip** is greater or lesser than minus 40 IRE, the blanking level will be represented by...

6/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

00217872

Digital phase-locked loops.

Digitale Phasenregelschleifen.

Boucles d'asservissement de phase numeriques.

PATENT ASSIGNEE:

TEKTRONIX, INC., (463980), Tektronix Industrial Park D/S Y3-121 4900 S.W. Griffith Drive P.O. Box 500, Beaverton Oregon 97077, (US), (applicant designated states: DE;FR;GB;NL)

INVENTOR:

Emmons, Patten A., 6725 N.E. Wygant, Portland Oregon 97218, (US)
Penney, Bruce J., 12900 N.W. Dogwood, Portland Oregon 97229, (US)
Slate, Timothy W., 1660 S.W. Huntington Avenue, Portland Oregon 97225, (US)

LEGAL REPRESENTATIVE:

Baillie, Iain Cameron et al (27951), c/o Ladas & Parry, Altheimer Eck 2, W-8000 Munchen 2, (DE)

PATENT (CC, No, Kind, Date): EP 202015 A2 861120 (Basic)

EP 202015 A3 890201

EP 202015 B1 920819

APPLICATION (CC, No, Date): EP 86302562 860407;

PRIORITY (CC, No, Date): US 722942 850412

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H03L-007/08; H03L-007/14; H04N-009/455;
H04N-017/02;
ABSTRACT WORD COUNT: 133

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	860
CLAIMS B	(German)	EPBBF1	265
CLAIMS B	(French)	EPBBF1	306
SPEC B	(English)	EPBBF1	2690
Total word count - document A			0
Total word count - document B			4121
Total word count - documents A + B			4121

...SPECIFICATION the oscillator, and using the clock signal to establish the sample times for an analog- to -digital **converter** (**ADC**), whereby a succession of digital words representing the amplitude of the analog input signal at...

11/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01034826

Frameless stereotactic surgical apparatus
Rahmenlose stereotaktische chirurgische Vorrichtung
Dispositif de chirurgie stereotaxique sans cadre

PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (4509061), Groenewoudseweg 1, 5621
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

Yanof, Jeffrey H., 33350 N. Burr Oak, Solon, Ohio 44139, (US)
Deucher, Joseph S., 1112 Ford Road, Lyndhurst, Ohio 44124, (US)
Jensen, Fred C., 16937 Munn Road, Chagrin Falls, Ohio 44023, (US)
Zupancic, Anton Z., 10654 Hickory Hill Court, Kirtland, Ohio 44094, (US)
Novak, Henry S., 3499 Logwood Trail, Richfield, Ohio 44286, (US)
West, Karl J., 7164 Callow Road, Painesville, Ohio 44077, (US)

LEGAL REPRESENTATIVE:

van der Veer, Johannes Leendert et al (78072), Philips Intellectual
Property & Standards P.O. Box 220, 5600 AE Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 919203 A2 990602 (Basic)

EP 919203 A3 001129

EP 919203 B1 040310

APPLICATION (CC, No, Date): EP 98309579 981124;

PRIORITY (CC, No, Date): US 980382 971128

DESIGNATED STATES: DE; FR; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-019/00

ABSTRACT WORD COUNT: 242

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199922	780
CLAIMS B	(English)	200411	784
CLAIMS B	(German)	200411	720
CLAIMS B	(French)	200411	881
SPEC A	(English)	199922	5029
SPEC B	(English)	200411	5035
Total word count - document A			5810
Total word count - document B			7420
Total word count - documents A + B			13230

...CLAIMS arbitrary path; the localizer space to scanner space transform processor (164) is adapted to continuously **convert** said **tip** location information in said localizer space to said **converted tip** location information in said scanner space II as the localizer device is moved along said...

...said image space as the localizer device is moved along said arbitrary path; and the **video** processor (92) is adapted to continuously display said localizer tip information, as the localizer tip...

...CLAIMS arbitrary path; the localizer space to scanner space transform processor (164) is adapted to continuously **convert** said **tip** location information in said localizer space to said **converted tip** location information in said scanner space II as the localizer

device is moved along said...

...said image space as the localizer device is moved along said arbitrary path; and the **video** processor (92) is adapted to continuously display said localizer tip information, as the localizer tip...

11/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00695148

Integrated electronic mailbox.

Integriertes elektronisches Briefkastensystem.

Boite aux lettres electronique integree.

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,
(US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Anderl, Ewald Christoph, 211 Cherry Tree Lane, Middletown, New Jersey
07748, (US)

Stephens, Glenn Alan, 509 10th Avenue, Belmar, New Jersey 07719, (US)

LEGAL REPRESENTATIVE:

Buckley, Christopher Simon Thirsk et al (28912), AT&T (UK) LTD., AT&T
Intellectual Property Division, 5 Mornington Road, Woodford Green,
Essex IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 662763 A2 950712 (Basic)

APPLICATION (CC, No, Date): EP 94309351 941214;

PRIORITY (CC, No, Date): US 178196 940106

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04M-003/50; H04L-012/58;

ABSTRACT WORD COUNT: 95

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	719
SPEC A	(English)	EPAB95	3675
Total word count - document A			4394
Total word count - document B			0
Total word count - documents A + B			4394

...SPECIFICATION to an encoder 205 which encodes signals from a respective analog-to-digital (A/D) **converter** 210. A **tip** -ring interface 212 is connected to an analog input of the A/D converter 210 and to an analog output of the D/A **converter** 208. The **tip** -ring interface 212 provides a communications interface to one or more user endpoint devices 214...

...decoder 207. These endpoint devices 214, 216, 217 may include, for example, telephones, fax machines, **video** phones, personal computers, AT&T **video** imaging systems, or the like. Each endpoint device 214, 216 or 217 is equipped to...

...or to retrieve at least one type of electronic message such as, for example, voice, **video** , and/or text messages.

The integrated electronic message storage and retrieval system 200 is equipped...

11/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS
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00224894

Signal offset circuitry for digital deghosting system.
Signalverschiebungsschaltung fur digitales Geisterbildentfernungssystem.
Circuit de decalage de signal pour un systeme d'enlevement des images fantomes.

PATENT ASSIGNEE:

RCA Thomson Licensing Corporation, (944402), 2 Independence Way,
Princeton New Jersey 08540, (US), (applicant designated states:
DE;FR;GB)

INVENTOR:

Lewis, Henry Garton, Jr., 3 Catawba Drive, Hamilton Square New Jersey,
(US)

Sheau-Bao, Ng, 180 Thoreau Drive, Plainsboro New Jersey, (US)

LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46454), London Patent Operation G.E.
Technical Services Co. Inc. Essex House 12/13 Essex Street, London WC2R
3AA, (GB)

PATENT (CC, No, Kind, Date): EP 228260 A2 870708 (Basic)
EP 228260 A3 890531
EP 228260 B1 930310

APPLICATION (CC, No, Date): EP 86309940 861218;

PRIORITY (CC, No, Date): US 813255 851224; US 824665 860131

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-005/21;

ABSTRACT WORD COUNT: 80

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	963
CLAIMS B	(German)	EPBBF1	563
CLAIMS B	(French)	EPBBF1	626
SPEC B	(English)	EPBBF1	2930
Total word count - document A			0
Total word count - document B			5082
Total word count - documents A + B			5082

...SPECIFICATION this training signal is shown in FIGURE 1A.

The ADC's typically used in digital **video** signal processors digitize the input signals **to** occupy the full dynamic range of the ADC. Under the NTSC standard, a **video** signal may occupy a range of **values** between -40 IRE (sync-tip) and 100 IRE (white level). For a **video** signal which is digitized by an **eight** -bit ADC, having a dynamic range from -127 to +127, for example, a white level signal may be converted to a digital value of 120 **and** a sync- **tip** signal to a digital value of -120.

The use of substantially all of the dynamic...be described in standard IRE units. One skilled in the art of television circuit design **would** be able to **convert** these IRE values into actual potentials for a given system.

ADC 26 converts the video...

...a digital television receiver that does not include deghosting circuitry because the portions of the **video** signal having values in this region (i.e. the synchronization pulses) contain relatively small amounts...

11/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00786021

SYSTEM AND METHOD FOR THE SYNCHRONIZATION AND DISTRIBUTION OF TELEPHONY
TIMING INFORMATION IN A CABLE MODEM NETWORK
SYSTEME ET PROCEDE DESTINE A LA SYNCHRONISATION ET A LA DISTRIBUTION
D'INFORMATIONS DE SYNCHRONISATION TELEPHONIQUES SUR UN RESEAU MODEM
CABLE

Patent Applicant/Assignee:

BROADCOM CORPORATION, 16215 Alton Parkway, Irvine, CA 92618-3616, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

RABENKO Theodore F, 16215 Alton Parkway, Irvine, CA 92618-3616, US, US
(Residence), US (Nationality), (Designated only for: US)

DENNEY Lisa V, 16215 Alton Parkway, Irvine, CA 92618-3616, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GELFOUND Craig A (agent), Christie, Parker & Hale, LLP, P.O. Box 7068,
Pasadena, CA 91109-7068, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200119005 A1 20010315 (WO 0119005)

Application: WO 2000US24405 20000905 (PCT/WO US0024405)

Priority Application: US 99152254 19990903

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 112078

Fulltext Availability:

Detailed Description

Detailed Description

... to-end delivery services for data with real time characteristics, such
as interactive audio and **video**. Those services include payload type
identification, sequence numbering, timestamping and delivery monitoring
of the quality...Adapters according to top-of-stack position.

Proxy Gateway implements in-home conference bridging by **transcoding**
and merging voice streams, at the expense of additional delay.

The Proxy Gateway transmits payload...

14/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00826160 **Image available**

**METHOD AND APPARATUS FOR INTELLIGENT TRANSCODING OF MULTIMEDIA DATA
PROCEDE ET DISPOSITIF DE TRANSCODAGE INTELLIGENT DE DONNEES MULTIMEDIA**

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ), S-126 25 Stockholm, SE, SE
(Residence), SE (Nationality)

Inventor(s):

CHRISTOPOULOS Charilaos , Lomvagen 641, II, S-192 57 Sollentuna, SE,

BJORK Niklas , Agatan 18, S-172 62 Sundbyberg, SE,

ASKELOF Joel , S:t Eriksgatan 37b, S-112 34 Stockholm, SE

Legal Representative:

LUNDHOLM-CARLSSON Lena (agent), Ericsson Radio Systems AB, Patent Unit
Research, S-164 80 Stockholm, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200159706 A1 20010816 (WO 0159706)

Application: WO 2001SE244 20010208 (PCT/WO SE0100244)

Priority Application: US 2000181565 20000210; US 2001773590 20010202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7072

Inventor(s):

CHRISTOPOULOS Charilaos ...

... **BJORK Niklas** ...

... **ASKELOF Joel**

Fulltext Availability:

Detailed Description

Claims

English Abstract

...in a client-server or client-to-client service provision environment.

Accordingly, one or more **transcoding hints** associated with the
multimedia data may be stored at a network element and transmitted from
...

...one of the network elements may be obtained and transcoding may be
performed using the **transcoding hints** and the obtained capabilities
in a manner suited to the capabilities of the network element. Multimedia
data includes still images, and capabilities and **transcoding hints**
include bitrate, resolution, frame size, color quantization, color
palette, color conversion, image to text, image...

...Interest (ROI), or wavelet compression. Multimedia data further may

group consisting of:
frame rate, spatial resolution, temporal resolution, motion vector
prediction, macroblock coding, and video mixing.

15 The apparatus of claim 9, wherein the **conversion hints** are stored
along with the multimedia information prior to requesting the multimedia
information.

16 The...

...26)

to a multimedia format in accordance with the network or link
capabilities using the **conversion hints** .

17 The apparatus of claim 9, wherein the multimedia storage element is
included in another...

?

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 File 587:Jane`s Defense&Aerospace 2005/May W5
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Set	Items	Description
S1	38636	(CONVERT???? OR CONVERSION?? OR TRANSCOD?????) (5N) (VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N) EXPERT?? OR MULTIMEDIA?? OR MULTI() MEDIA?? OR (MULTIMEDIA OR MULTI() MEDIA??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG???)
S2	1303	(TRANSCOD???? OR CONVERT???? OR CONVERSION??) (3N) (HINT?? OR TIP??)
S3	45	AU=(CHRISTOPOULOS C? OR CHRISTOPOULOS, C? OR BJORK N? OR BJORK, N? OR ASKELOF J? OR ASKELOG, J?)
S4	18	S1 AND S2
S5	12	RD (unique items)
S6	9	S4 NOT PY>2000
S7	6323422	VIDEO?? OR MPEG??? OR (MOV??? OR MOTION??) (3N) PICTURE?? (3N) EXPERT?? OR MULTIMEDIA?? OR MULTI() MEDIA?? OR (MULTIMEDIA OR MULTI() MEDIA??) (3N) HYPERMEDIA (3N) EXPERT?? OR MOVIE?? OR MHEG??-??
S8	29	S7(S) S2
S9	18	RD (unique items)
S10	10	S9 NOT S4
S11	5	S10 NOT PY>2000
S12	0	S3 AND S2
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06964065 Supplier Number: 58628635 (USE FORMAT 7 FOR FULLTEXT)
You bet your lifestyle;L.A. shows active suspension of disbelief.
AutoWeek, v50, n3, p6
Jan 17, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1745

... real cars at the show-lifestyle also means a 260-hp coupe, a \$360,000 **convertible** and a **movie** chase-car icon.

Judging by what was on the stands, though, everyone's got an...

...tuned to 325 hp (the Bentley gets 400 hp). Sticker is \$360,000, minus the **tip**. The new **convertible** has been in development two-and-a-half years and each car takes 14 to...

6/3,K/2 (Item 1 from file: 47)
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04637827 SUPPLIER NUMBER: 18884819 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Jump-start enhanced CDs, convert video files.(Multimedia Tips)
(Question and Answer)(Column)
PC World, v14, n12, p335(1)
Dec, 1996
DOCUMENT TYPE: Column ISSN: 0737-8939 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 742 LINE COUNT: 00059

Jump-start enhanced CDs, convert video files.(Multimedia Tips)
(Question and Answer)(Column)

... out CD-ROM drive. It'll probably become obsolete before it gives up the ghost.

Convert Quicktime Video to .AVI and Back Again

Need to convert a QuickTime .mov file to an .avi **video** ? Download Intel's free SmartVid **converter** (see FIGURE 2) from the company's Web site (<http://www.intel.com/pc-supp...>

...indeo/ SMARTVID.HTM). After you download and install the program, it will allow you to **convert** from one digital **video** format to the other. The program isn't perfect, however: QuickTime and .avi files have different approaches to interleaving audio and **video** data, and SmartVid can't **convert** this interleaving rate for you. As a result, converted files may not play as smoothly...

...of digital video, let me tell you about a great source of free--and

shareware **video** players, **video** editors, format **converters**, and other tools for PCs, Macs, and UNIX machines: Stephane Woillez's Multimedia Utilities page...

6/3,K/3 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

04592632 SUPPLIER NUMBER: 18712987 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Leave room for drives, convert MIDI files. (Multimedia Tips) (Product Support) (Column) (Tutorial)
Spanbauer, Scott
PC World, v14, n10, p300(1)
Oct, 1996
DOCUMENT TYPE: Column Tutorial ISSN: 0737-8939 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 478 LINE COUNT: 00038

Leave room for drives, convert MIDI files. (Multimedia Tips) (Product Support) (Column) (Tutorial)

6/3,K/4 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09113426 SUPPLIER NUMBER: 18884819 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Jump-start enhanced CDs, convert video files. (Multimedia Tips) (Question and Answer) (Column)
PC World, v14, n12, p335(1)
Dec, 1996
DOCUMENT TYPE: Column ISSN: 0737-8939 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 742 LINE COUNT: 00059

Jump-start enhanced CDs, convert video files. (Multimedia Tips) (Question and Answer) (Column)
... out CD-ROM drive. It'll probably become obsolete before it gives up the ghost.
Convert Quicktime Video to .AVI and Back Again
Need to convert a QuickTime .mov file to an .avi **video** ? Download Intel's free SmartVid **converter** (see FIGURE 2) from the company's Web site (<http://www.intel.com/pc-supp...>

...indeo/ SMARTVID.HTM). After you download and install the program, it will allow you to **convert** from one digital **video** format to the other. The program isn't perfect, however: QuickTime and .avi files have different approaches to interleaving audio and **video** data, and SmartVid can't **convert** this interleaving rate for you. As a result, converted files may not play as smoothly...

...of digital video, let me tell you about a great source of free--and shareware **video** players, **video** editors, format **converters**, and other tools for PCs, Macs, and UNIX machines: Stephane Woillez's Multimedia Utilities page...

6/3,K/5 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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08993462 SUPPLIER NUMBER: 18712987 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Leave room for drives, convert MIDI files. (Multimedia Tips) (Product Support) (Column) (Tutorial)
Spanbauer, Scott
PC World, v14, n10, p300(1)
Oct, 1996

DOCUMENT TYPE: Column Tutorial ISSN: 0737-8939 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 478 LINE COUNT: 00038

Leave room for drives, convert MIDI files. (Multimedia Tips) (Product Support) (Column) (Tutorial)

6/3,K/6 (Item 3 from file: 148)
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05196983 SUPPLIER NUMBER: 10834742 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Font converters: a partial solution. (Software Review) (FontMonger, Metamorphosis Pro) (includes related summary article, article on legal issues raised by font conversion) (evaluation)
Fraser, Bruce
MacWEEK, v5, n22, p46(1)
June 11, 1991
DOCUMENT TYPE: evaluation ISSN: 0892-8118 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1940 LINE COUNT: 00150

... it off to make a smaller font for high-resolution devices that don't need **hints** , or to **convert** pi fonts, such as Zapf Dingbats or Carta, that don't hint well.

TrueType preferences...outline font technology for screen display opens up a whole new problem area. For example, **multimedia** developers might be tempted to **convert** a font to TrueType, then build it into their documents to ensure that the end...

6/3,K/7 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01439144 SUPPLIER NUMBER: 10834742 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Font converters: a partial solution. (Software Review) (FontMonger, Metamorphosis Pro) (includes related summary article, article on legal issues raised by font conversion) (evaluation)
Fraser, Bruce
MacWEEK, v5, n22, p46(1)
June 11, 1991
DOCUMENT TYPE: evaluation ISSN: 0892-8118 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1940 LINE COUNT: 00150

... it off to make a smaller font for high-resolution devices that don't need **hints** , or to **convert** pi fonts, such as Zapf Dingbats or Carta, that don't hint well.

TrueType preferences...outline font technology for screen display opens up a whole new problem area. For example, **multimedia** developers might be tempted to **convert** a font to TrueType, then build it into their documents to ensure that the end...

6/3,K/8 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2005 ProQuest. All rts. reserv.

00072674

Converting **Home** Movies to Video

Cohen, Jeff

Consumers' Research Magazine (GCRM), v70 n7, p32-34

Jul 1987

ISSN: 0095-2222 JOURNAL CODE: GCRM

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Abstract

LENGTH: Medium (10-30 col inches)

Converting **Home** Movies to Video

ABSTRACT: **Tips** for **converting** home **movies** from film to **video** are presented. Places to go to have this done are reviewed, and tips on doing ...

6/3,K/9 (Item 1 from file: 570)

DIALOG(R)File 570:Gale Group MARS(R)

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01841141 Supplier Number: 58628635 (USE FORMAT 7 FOR FULLTEXT)

You bet your lifestyle;L.A. shows active suspension of disbelief.

AutoWeek, v50, n3, p6

Jan 17, 2000

ISSN: 0192-9674

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1745

... real cars at the show-lifestyle also means a 260-hp coupe, a \$360,000 **convertible** and a **movie** chase-car icon.

Judging by what was on the stands, though, everyone's got an...

...tuned to 325 hp (the Bentley gets 400 hp). Sticker is \$360,000, minus the **tip**. The new **convertible** has been in development two-and-a-half years and each car takes 14 to...

11/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01542162 01-93150

High tech evolution

Courter, Eileen

Credit Union Management v20n11 PP: 38-40 Nov 1997

ISSN: 0273-9267 JRNL CODE: CUM

WORD COUNT: 1772

...ABSTRACT: branches to encourage members to use machines as much as possible, and remodeling existing facilities. **Tips** to make a **conversion** -and-migration program work include: 1. Use sliding automated entry doors to immediately convey a...

...a lot of check cashing, consider an ATM with a check-cashing feature.
5. Run **video** with news, weather and on-screen product billboards. 6. Provide a telephone so members can...

...the member run loan-package scenarios that can be printed on site. 8. Look at **video** -conferencing.

11/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00968191 96-17584

Folio: Plus

Love, Barbara

Folio: The Magazine for Magazine Management v24n2 PP: 9-10 Feb 1, 1995

ISSN: 0046-4333 JRNL CODE: FOL

WORD COUNT: 1612

...TEXT: The reader gets a couple of free issues and then is expected to renew." Other **conversion tips** from Sherwood: 1)A wrap is never as strong as mail. Mail is never as...

...to the phone." 3) Give the paying customers something extra--such as a directory, a **video**, a reprint or half-price admission to a seminar. "Make them a select core, like...

11/3,K/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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08005331 Supplier Number: 64702408 (USE FORMAT 7 FOR FULLTEXT)

UK supermarket attacks DVD regional codes.

Screen Digest, p68

March, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 242

... same part of world (see 199961218b1). Primary aim was to limit possibility of consumers' acquiring **movies** on home **video** prior to theatrical release, given staggered release windows around the world. However, system is unpopular with DVD enthusiasts and some sections of

retail industry; reprogramming **tips** to **convert** players into all region machines can be readily found in the consumer press and on...

11/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07833883 Supplier Number: 65375996 (USE FORMAT 7 FOR FULLTEXT)
HEADLINE.(The free, weekly newsletter all about Windows Computing)(Buyers Guide)(Column)
Finnie, Scot
WinMag.com, pNA
Sept 21, 2000
Language: English Record Type: Fulltext
Article Type: Buyers Guide; Column
Document Type: Magazine/Journal; Trade
Word Count: 4165

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...that should have worked right off, didn't.5. Scope of the Installation Problems: My **video** and monitor drivers were incorrectly identified. Not surprising with this 18" Samsung LCD monitor. But the 32MB Diamond Viper V770 Ultra **video** card isn't exactly left field. It's neither ancient nor brand new. The replacement...to quickly open a DOS directory several levels deep without laboriously typing its pathname? This **tip** also automatically **converts** long folder names to the abbreviated versions DOS uses. Here's how. Open a DOS...

11/3,K/5 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06184735 Supplier Number: 54070407 (USE FORMAT 7 FOR FULLTEXT)
Career Tracks: Learning Curve Gets Steep For Outside Bank Directors.
KINGSON-BLOOM, JENNIFER
American Banker, v164, n45, pNA
March 9, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 833

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Association has revised its materials for directors, turning one volume into five books with accompanying **videos** . Some organizations will tailor a workshop for directors at specific banks. "Even as consolidation increases...

...education program in 1989 and has been updating it continuously. It now posts year-2000 **conversion tips** on the Internet, Ms. Feuling said, and runs seminars for directors at its conventions. The...
?


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Subjects: [Market strategy](#), [Interactive media](#), [Customer services](#), [Convergence](#), [Bank automation](#)

Classification Codes: [9190 US](#), [9000 Short article](#), [8100 Financial services industry](#), [7000 Marketing](#), [5240 Software & systems](#)

Locations: [US](#)

Companies: [MCI Communications Corp](#)(Ticker:MCIC , Duns:04-476-0643)

Author(s): [Day, Jacqueline](#)

Publication title: [Bank Systems & Technology](#). New York: Nov 1994. Vol. 31, Iss. 11; pg. 12, 2 pgs

Source type: Periodical

ISSN/ISBN: 10459472

ProQuest document ID: 7441

Text Word Count 295

Document URL: <http://proquest.umi.com/pqdweb?did=7441&sid=3&Fmt=3&clientId=19649&RQT=309&VName=PQD>

More Like This [» Show Options for finding similar documents](#)**Abstract** (Document Summary)

The network MCI Business product from MCI Telecommunications Corp. is being positioned as an initial step away from its core long-distance telephone business and toward horizontal business computing. As a result, banks will not find services tailored specifically to their business but will find yet another approach to the increasingly crowded e-mail and messaging market. The new service hints at convergence - where text, video, and interactive data are blended into one front-end environment.

Full Text (295 words)*Copyright Miller Freeman Inc. Nov 1994*

MCI TELECOMMUNICATIONS Corp. is positioning its network MCI Business product, which debuted earlier this fall, as an initial step away from its core long distance telephone business and toward horizontal business computing. Thus banks won't find services tailored specifically to their business, but will find yet another approach to the increasingly crowded e-mail and messaging marketplace.

Banks that now navigate among different environments for different personal productivity applications—things like e-mail, fax messaging, Internet access, document sharing, video conferencing and news feeds—could standardize on this new platform and offer them in a unified format. That could be beneficial for institutions consolidating multistate operations in advance of interstate banking.

The product bundles an array of new MCI-branded personal productivity services onto a Microsoft Corp. Windows-based PC platform, available over analog phone lines for, in most cases, \$100 per user. Existing MCI

customers can pay less.

Beyond the obvious standardization benefit, the new service hints at convergence—a concept which suggests that text, video and interactive data be blended into one front-end environment, and, until now, is more hype than product. That's starting to change: "The [networkMCI Business] package brings together a lot of software and technology and makes it easier to use," says Ed Franklin, director of sales at MCI's New York City branch office. "A user can gain access to all these different technologies [on one platform]."

If banks and others buy it, the convergence concept could be big bucks for suppliers. "MCI is viewing the carrying of both telecom and media traffic as about a trillion-dollar business," Franklin says. This, he says, could be attained as long distance firms like MCI, local-access telephone firms, regional Bell operating companies (RBOCs), and—as legislation allows it—cable TV companies each vie to offer services similar to those in networkMCI Business.

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COMPANY

Report on the CE on the Transcoding Hint DS
(2000) (Make Corrections) (180 citations)

✓ Peter Kuhn, Teruhiko Suzuki, Anthony Vetro, et al.

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columbia.edu/~ana/MPEG7...M6002.doc.pdf
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Abstract: This document contains the report of the core experiment validating the Media Transcoding Hint DS in a video content delivery and transcoding application based on network conditions and user preferences. The Media Transcoding Hint DS currently includes the Utility Scaling DS, the Motion Hint DS, the Difficulty Hint DS, and the Importance Hint attribute whose validation results are described in this document. The Media Transcoding Hint DS is a DS for the Universal Multimedia Access (UMA). UMA is ... ([Update](#))

Cited by: [More](#)

Hardware/Software Solution for the Automation and.. - Bottling Production Line ([Correct](#))

Non-Functional Requirements for Object-Oriented Modeling - Jaime De Melo ([Correct](#))

Michelson-Morley Experiments Revisited: - Systematic Errors Consistency (2001) ([Correct](#))

Active bibliography (related documents): [More](#) [All](#)

0.7: Conceptual Modeling of MPEG-7 Description Schemes - Smith, Brigger, Li (1999) ([Correct](#))

0.6: Object-Scalable Dynamic Coding Of Visual Information - Le Buhan, Reusens, Ebrahimi (1996) ([Correct](#))

0.4: Object-Based Encoding and Transcoding - Vetro (2001) ([Correct](#))

Similar documents based on text: [More](#) [All](#)

0.8: Object-Based Transcoding for Adaptable Video Content Delivery - Vetro, Sun, Wang (2001) ([Correct](#))

0.8: Video Transcoding Gateway For Wireless Video Access - Zhijun Lei Nicolas (2003) ([Correct](#))

0.6: An MPEG-2 to H.263 Transcoder - Feamster, Wee ([Correct](#))

Related documents from co-citation: [More](#) [All](#)

22: Simple Network Management Protocol (context) - Case, Fedor et al. - 1990

19: Communicating Sequential Processes (context) - Hoare - 1985

15: Communication and Concurrency (context) - Milner - 1989

BibTeX entry: ([Update](#))

ISO. Information Processing Systems - Open Systems Interconnection - Basic Reference Model - Part 4: Management Framework. International Organization for Standardization, International Standard 7498-4, 1991.
<http://citeseer.ist.psu.edu/kuhn00report.html> ([More](#))

```
@misc{ processing91international,  
  author = "I. Processing and S. Systems and I. Reference and M. Part and M. Framewo",  
  title = "International Organization for Standardization",  
  text = "ISO. Information Processing Systems - Open Systems Interconnection - Basic  
    Reference Model - Part 4: Management Framework. International Organization  
    for Standardization, International Standard 7498-4, 1991.",  
  year = "1991",  
  url = "citeseer.ist.psu.edu/kuhn00report.html" }
```

Citations (may not include all citations):

41 Adapting Multimedia Internet Content for Universal Access - Mohan, Smith et al. - 1999

18 MPEG-4 rate control for multiple video objects (context) - Vetro, Sun et al. - 1999

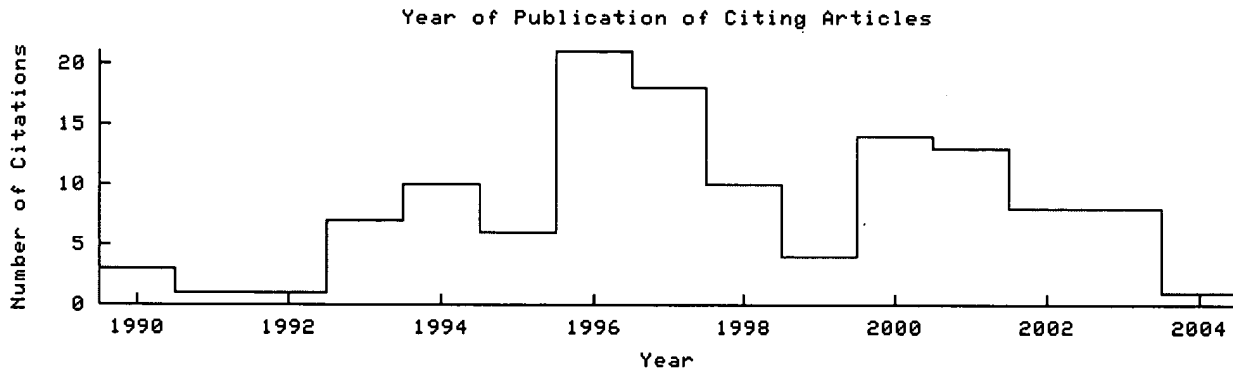
17 Scalable Multimedia Delivery for Pervasive Computing (context) - Smith, Mohan et al. - 1999 [ACM](#) [DBLP](#)

9 Information technology -- coding of audio/visual objects (context) - IEC - 2000

6 Object-based transcoding for scalable quality of service (context) - Vetro, Sun et al. - 2000

4 IEC JTC1/SC29/WG11/M (context) - Applications, ISO - 1999

- 4 IEC JTC1/SC29/WG11/M (context) - Content, Universal et al.
- 4 IEC JTC1/SC29/WG11/M (context) - Content, Universal et al.
- 4 A user side framework for content negotiation (context) - Capability, Profiles et al. - 1998
- 3 IEC JTC1/SC29/WG11/N (context) - Requirements, ISO - 1999
- 2 IEC JTC1/SC29/WG11 MPEG99/M (context) - Application, Through et al. - 1999
- 2 IEC JTC1/SC29/WG11 MPEG99/M (context) - Application, Through et al. - 1999
- 1 Validation Experiment for MPEG-7 Description Schemes related.. (context) - for, Schemes et al. - 1999
- 1 Validation Experiments for Universal Multimedia Access (UMA (context) - on - 1999
- 1 IEC JTC1/SC29/WG11 MPEG99/M (context) - on, Hint et al. - 2000
- 1 NOTE-annot (context) - Web, Transcoding et al. - 1999
- 1 IEC JTC1/SC29/WG11 MPEG98/MP (context) - MPEG-, beyond et al. - 1998
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Abstract (or
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This document contains the report of the core experiment validating the Media Transcoding Hint DS in a video content delivery and transcoding application based on network conditions and user preferences. The Media Transcoding Hint DS currently includes the Utility Scaling DS, the Motion Hint DS, the Difficulty Hint DS, and the Importance Hint attribute whose validation results are described in this document. The Media Transcoding Hint DS is a DS for the Universal Multimedia Access (UMA). UMA is used in an application that deals with delivery of image, video, audio and multimedia content

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ISO/IEC JTC1/SC29/WG11
CODING OF MOVING PICTURES AND ASSOCIATED AUDIO**

**ISO/IEC JTC1/SC29/WG11
MPEG2000/M6002
Geneva, CH
May 2000**

Title: Report on the CE on the Transcoding Hint DS

Source: Peter Kuhn (Sony), Teruhiko Suzuki (Sony), Anthony Vetro (Mitsubishi USA), John R. Smith (IBM), Ana B. Benitez (Columbia University), Charilaos Christopoulos (Ericsson)

Status: Contribution

Introduction.....	3
1 Transcoding Hint DS.....	3
1.1 Work Plan.....	3
1.1.1 Multiple parties	3
1.1.2 Context.....	3
1.1.3 Functionality	4
1.1.4 Goals and Advantages.....	4
1.2 Input.....	4
1.3 Output.....	4
1.4 Measurements.....	5
1.5 Methodology.....	5
2 Results.....	6
2.1 Utility Scaling DS.....	6
2.1.1 Encoder/Transcoder Dependence Of Utility Function.....	6
2.1.2 Scaling Operations	8
2.2 Difficulty Hint DS.....	8
2.2.1 CBR/VBR conversion.....	8
2.2.2 Additional Experiment: Object based	13
2.3 Motion Hint DS.....	17
2.3.1 Methodology	17
2.3.2 Experimental Conditions: news1.....	17
2.3.3 Results: news1.....	18
2.3.4 Experimental Conditions: nhkvideo.....	22
2.3.5 Results: nhkvideo.....	22
2.3.6 Continuation of Results.....	25

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